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IPMP and MPEG

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### 1 [On implementing mpeg-21 intellectual property management and protection](#)

Ads



Nicholas Paul Sheppard

October 2007 DRM '07: Proceedings of the 2007 ACM workshop on Digital Rights Management

Publisher: ACM

 Full text available: [pdf\(229.76 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 150, Citation Count: 0

The MPEG-21 Intellectual Property Management and Protection ("IPMP") Components specify a framework for inter-operable and renewable digital rights management based on *IPMP tools* that implement proprietary digital rights management features. MPEG-21 ...

Keywords: MPEG REL, MPEG-21 IPMP, digital rights management, implementation

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### 2 [Digital rights management for content distribution](#)

Qiong Liu, Reihaneh Safavi-Naini, Nicholas Paul Sheppard

January 2003 ACSW Frontiers '03: Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21, Volume 21

Publisher: Australian Computer Society, Inc.

 Full text available: [pdf\(224.63 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 74, Downloads (12 Months): 627, Citation Count: 4

Transferring the traditional business model for selling digital goods linked to physical media to the online world leads to the need for a system to protect digital intellectual property. Digital Rights Management(DRM) is a system to protect high-value ...

Keywords: DRM, digital content

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### 3 [Using SITDRM for privacy rights management](#)



Farzad Salim, Nicholas Paul Sheppard, Reihaneh Safavi-Naini

March 2007 CHI MIT '07: Proceedings of the 2007 symposium on Computer human interaction for the management of information technology

Publisher: ACM

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Full text available:  pdf(78.44 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 34, Citation Count: 0

SITDRM is a privacy protection system that protects private data through the enforcement of MPEG REL licenses provided by consumers. Direct issuing of licenses by consumers has several usability problems that will be mentioned in this paper. Further, ...

Key words: DRM, MPEG-21, P3P, privacy protection


#### 4 [Import/export in digital rights management](#)



Reihaneh Safavi-Naini, Nicholas Paul Sheppard, Takeyuki Uehara

October 2004 DRM '04: Proceedings of the 4th ACM workshop on Digital rights management

Publisher: ACM

Full text available:  pdf(211.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 160, Citation Count: 3

The inherently controlled nature of digital rights management systems does little to promote inter-operability of systems provided by different vendors. In this paper, we consider import and export functionality by which multimedia protected by one digital ...

Key words: digital rights management, export, import, inter-operability


#### 5 [Teleteaching anywhere solution kit \(Tele-TASK\) goes mobile](#)



Katrin Wolf, Serge Linckels, Christoph Meinel

October 2007 SIGUCCS '07: Proceedings of the 35th annual ACM SIGUCCS conference on User services

Publisher: ACM

Full text available:  pdf(644.95 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 107, Citation Count: 0

Tele-TASK is a tool for recording lectures and presentations. It does not only record the audio and video of the speaker but also everything happening on the presenter's computer. No matter if he is showing a Powerpoint presentation, a software demo ...

Key words: e-learning, iPod, mobile learning, podcasting, teleteaching, video encoding

#### 6 [Implementation of a mobile MPEG-21 peer](#)



Shane Lauf, Ian Burnett

November 2005 MULTIMEDIA '05: Proceedings of the 13th annual ACM international conference on Multimedia

Publisher: ACM

Full text available:  pdf(91.15 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 55, Citation Count: 0

The MPEG-21 Multimedia Framework aims to realize interoperable access to content across heterogeneous networks and devices. Within the Framework, the concept of Digital Items is introduced as a structured digital representation for multimedia. To demonstrate ...

Key words: MPEG-21, mobile applications, multimedia

## 7 [MPEG multimedia standards: evolution and future developments](#)



Fernando Pereira

September 2007 MULTIMEDIA '07: Proceedings of the 15th international conference on Multimedia

Publisher: ACM

Full text available: [pdf\(180.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 222, Citation Count: 0

Multimedia communications play a growing role in the every day's life of modern societies. Until recently, and except for broadcast television and radio, voice was still the sole communication mechanism. However, the diffusion of digital processing algorithms ...

Key words: audiovisual data, data and metadata, interoperability, multimedia standards

## 8 [Media streaming synchronisation and video interaction: a survey](#)

R. Y. D. Xu, R. Wang, N. Parameswaran, J. S. Jin

May 2003 VIP '02: Selected papers from the 2002 Pan-Sydney workshop on Visualisation - Volume 22, Volume 22

Publisher: Australian Computer Society, Inc.

Full text available: [pdf\(31.62 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 53, Citation Count: 0

Digital video has become an important element in a multimedia package. Most of the traditional video players and the video formats they support only provide ways of linear interaction, ie, a user can play the video in forward and backward direction or ...

Key words: interactive video, multimedia synchronisation, streaming media, video cataloguing

## 9 [Privacy protection for signed media files: a separation-of-duty approach to the lightweight DRM \(LWDRM\) system](#)



Rüdiger Grimm, Patrick Aichroth

September 2004 MM&Sec '04: Proceedings of the 2004 workshop on Multimedia and security

Publisher: ACM

Full text available: [pdf\(256.47 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 50, Citation Count: 0

The aim of strong digital rights management (DRM) is to enforce usage rules in end-user devices on behalf of content providers. Strong DRM is not well accepted by customers. Moreover, strong DRM is repeatedly circumvented and broken. Since Napster (and ...

Key words: LWDRM, light weight digital rights management, privacy, pseudonyms, separation of duty, virtual goods

## 10 [Digital rights management for the online music business](#)



Sai Ho Kwok

June 2002 ACM SIGecom Exchanges, Volume 3 Issue 3

Publisher: ACM

Full text available: [pdf\(51.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 193, Citation Count: 0

Digital rights management has become a pressing concern for the online music business. Existing digital rights management systems are backed by two license management models, the tethered model and the untethered model. These two license management models ...

Keyw ords: digital rights management, electronic business, electronic commerce, intellectual property, license management, online music business

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